Aditya Singh

5th Year Undergraduate

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2020 - 2025	Bachelors	Delhi Metropolitan Education, Noida	7.63/10
2019	CBSE(XII) Phy+Chem+Math+CS	D.A.V. Public School, Vasant Kunj	65.2%
2017	CBSE(X)	D.A.V. Public School, Vasant Kunj	68.2%

Work Experience

- **Full Stack Developer Intern at [Traceworks Technologies]** *(May'2024 - July'2024)*
  - Developed and delivered full-stack web applications from conception to deployment, ensuring seamless user experiences and optimal performance.
  - Managed complete project lifecycles, including requirements gathering, design, development, testing, and deployment.
  - Implemented robust and scalable backend systems using RESTful APIs, tRPC to power frontend applications.
  - Leveraged version control systems like Git and GitHub to streamline code management and collaboration.
  - Troubleshooted and resolved bugs in existing codebase to maintain application stability and functionality.

Key Projects

- **Ezeluxe [Static] Using React and React Router DOM** *(Jun'24)*
  - Developed Ezeluxe, a static website using React and React Router DOM during my internship at Traceworks Technologies.
  - Leveraged Tailwind CSS for rapid and responsive UI development.
  - Improved website loading speed by 20 percent for a smoother user experience.
- **Airbnb Clone [Full Stack] Using MEN (MongoDB, Express.js, Node.js)** *(Jan'2024- Feb'2024)*
  - Full-stack Airbnb clone application using Node.js and Express.js for the backend and EJS for templating.
  - The project utilized MongoDB with Mongoose for data persistence and leveraged Cloudinary for image storage.
  - Passport.js handled user authentication, while Mapbox provided interactive maps for property browsing.
  - Additional functionalities included session management with Express Session, data validation with Joi, and flash messages with Connect Flash.
  - This project demonstrates my proficiency in various web development technologies and my ability to build complex, user-friendly full stack web applications.
- **To-Do App Built with React's UseContext!** (Apr'24)
  - Feature-rich to-do app that allows user to Add Tasks, Update Exising tasks, Mark as complete Tasks, Delete Exising Task
  - Never lose track of your progress - tasks are persisted in your browser's local storage, so they survive page refreshes!
- **Currency Concerter Using React.js** *(Feb'24)*
  - This project deepened my React skills and API integration for live exchange rates.
- **Single-Page App with React and React Router DOM** *(Mar'24)*
  - I utilized React Router DOM to handle navigation between different views within the application.
  - This allowed me to: Create Routes, Seamless Navigation, Dynamic Routing
- **Theme Toggle Component in React using useContext** *(Apr'24)*
  - This component lets users switch between a light and dark theme in an application, enhancing the user experience.
  - useContext: This React hook allowed me to access and manage the theme state throughout the component, ensuring consistency.

Technical Skills

- **Programming Languages:** HTML, CSS, Javascript, Typescript, Java, SQL, C, C++.
- **Tools:** Git, GitHub, Tailwind, Bootstrap, Material UI, Shadcn, Zod, Redux, Cloudinary, OnRender, Vercel, Passport.js
- **Web Development: (MERN)** **M**ongoDB, **E**xpress.js, **R**eact.js, **N**ode.js, tRPC, REST API, MVC Model, EJS.
- **Certifications:** DELTA (Full Stack Web Development) from Apna College

Extra-Curricular Activities

- I enjoy challenging myself through adventurous activities such as mountain climbing, cycling, and working out. I also participate in team sports like cricket.

Profiles

- GitHub - Thakur Aditya
- LinkedIn - Aditya Singh